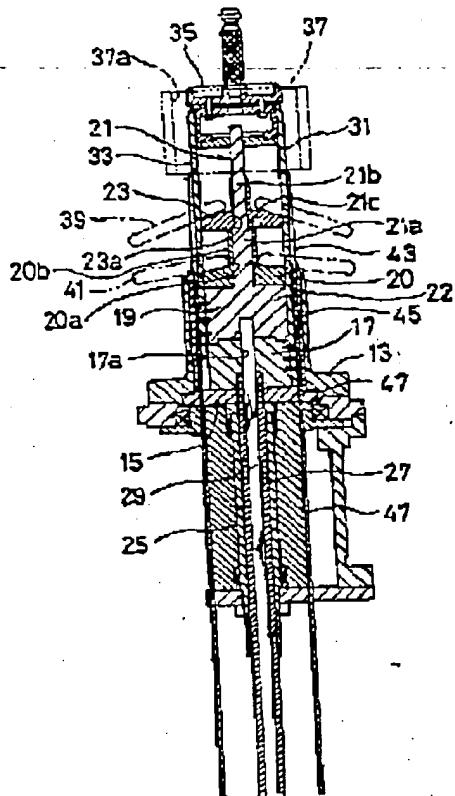


# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2000069723  
 PUBLICATION DATE : 03-03-00  
 APPLICATION DATE : 25-08-98  
 APPLICATION NUMBER : 10239082  
 APPLICANT : NISSAN MOTOR CO LTD;  
 INVENTOR : SHIN FUHEI;  
 INT.CL. : H02K 15/06  
 TITLE : COIL INSERTION METHOD AND COIL  
 INSERTER



**ABSTRACT :** PROBLEM TO BE SOLVED: To obtain an enough space factor without damaging a coil when inserting the coil into the slot of a stator core.

**SOLUTION:** A coil 39 for the first insertion retained by blades 31 and 33 is inserted into the slot 37a of a stator core 37, being pushed by a first stripper 23. At this time, the first stripper 23 pushes the coil 39 for the first insertion against the bottom side of the slot 37a and compresses it by a coil insertion space forming part so as to form insertion space for a coil 41 for the second insertion to be inserted later. On the other hand, the coil 41 for the second insertion retained by the blades 31 and 33 is inserted into the above insertion space of the slot 37a, being pushed by the second stripper 19. At this time, the second stripper 19 pushes the coil 41 for the second insertion against the bottom side of the slot 37 by a wedge insertion space forming part and compresses it so as to form the insertion space for a wedge 45 to cover the coil after insertion.

COPYRIGHT: (C)2000,JPO